



532185



DEPARTMENT OF THE ARMY
HUNTINGTON DISTRICT, CORPS OF ENGINEERS
502 EIGHTH STREET
HUNTINGTON, WEST VIRGINIA 25701-2070

REPLY TO

ATTENTION OF:

26 MAY 1992

CEORH-ED-DC (1110)

MEMORANDUM FOR Commander, Ohio River Division, ATTN: CEORD-DL-MS

SUBJECT: DERP-FUDS Inventory Project Report (INPR) for Site
No. G05OH098000, Scioto Ordnance Plant, Marion, Ohio

1. This INPR reports on the revised DERP-FUDS assessment of the Scioto Ordnance Plant. A site visit was conducted on 14 March 1990. The Site Survey Summary Sheet is attached as Encl 1.
2. The site was formerly used by the Department of Defense. The recommended Findings and Determination of Eligibility was forwarded on 21 November 1991.
3. We determined there are hazardous wastes at the site eligible for clean-up under DERP-FUDS. The category of hazardous waste are HTRW and OEW. The Project Summary sheets are attached as Encls 2 and 3.
4. I recommend that you:
 - a. Forward a copy of this INPR to CEMRO for a determination of the need for further study of the HTRW project; and
 - b. Forward a copy of this INPR to CEHND for the PA file, and for a determination of the need for further study of the OEW project.

3 Encl
(6 cys ea)

JAMES R. VAN EPPS
Colonel, Corps of Engineers
Commanding

SITE SURVEY SUMMARY SHEET
FOR
DERP-FUDS SITE NO. G050H098000
SCIOTO ORDNANCE PLANT
May 11, 1992

SITE NAME: Scioto Ordnance Plant

LOCATION: Marion, Ohio

SITE HISTORY: DOD use began in 1942. The Army used the site as an ordnance plant. Currently, the site is owned by various private individuals and companies and is utilized for subdivisions, farming, warehousing and other industrial uses.

SITE VISITS: A site visit was conducted on 14 March 1990 by Frank R. Albert, Jr. and Sharrell L. Anderson, CEORH-ED-DC.

CATEGORY OF HAZARD: HTRW and OEW.

PROJECT DESCRIPTION:

a. HTRW. Work involves a records search, site inspection and preparation of a report on the potential radioactive waste hazards that may exist at the site.

b. OEW. Work involves a site inspection and preparation of a report on potential ordnance and explosive waste hazards that may exist at the site.

AVAILABLE STUDIES AND REPORTS: "The Scioto Ordnance Plant and The Marion Engineer Depot of Marion, Ohio - A Profile After Forty Years" by Charles D. Mosher and Delpha Ruth Mosher, copy attached.

PA POC: Frank R. Albert, Jr., (304) 529-5194 or FTS 924-5194 is the District POC.

PROJECT SUMMARY SHEET
FOR

DERP-FUDS HTRW PROJECT NO. G05OH098003

SCIOTO ORDNANCE PLANT

MARION, OHIO

SITE NO. G05OH098000

11 May 1992

PROJECT DESCRIPTION: The site is a 12,000 acre ordnance works that was used by the Department of Defense for the production of fuzes, boosters, artillery ammunition, and M-76 and M-74 bombs.

PROJECT ELIGIBILITY: Records indicate that the former Scioto Ordnance Plant was built and utilized by the Department of Defense (DOD) for use as an ordnance plant. Any radioactive contamination that may exist would be the direct result of DOD activity.

POLICY CONSIDERATIONS: There is no policy that prohibits the proposal of this project.

PROPOSED PROJECT: An HTRW project is proposed that consists of a records search and site inspection to evaluate potential radioactive hazards.

EPA Form 2070-12: Attached.

DD Form 1391: Attached.

DISTRICT POC: Frank R. Albert, Jr., CEORH-ED-DC, (304) 529-5194 or FTS 924-5194.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

SCIOTO ORDNANCE PLANT

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

RTE 23, 4 AND 98 OHIO

03 CITY

MARION

04 STATE

OH

05 ZIP CODE

06 COUNTY

MARION

07 COUNTY CODE

7

08 CONG DIST

7

09 COORDINATES LATITUDE

LONGITUDE

10 DIRECTIONS TO SITE (Starting from nearest public road)

RTE 23 NORTH, EAST ON RTE 309 FOR 3 MILES,
SITE IS DIRECTLY NORTH, BETWEEN RTE 4,
MARSALES GALLON RD, AND RTE 98

III. RESPONSIBLE PARTIES

01 OWNER (if known)

US ARMY CORPS OF ENGRS

02 STREET (Business, mailing, residential)

502 8TH STREET

03 CITY

HUNTINGTON

04 STATE

05 ZIP CODE

06 TELEPHONE NUMBER

304-529-594

07 OPERATOR (if known and different from owner)

NONE

08 STREET (Business, mailing, residential)

09 CITY

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

()

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☒ B. FEDERAL

FORMER DOD USE

(Agency name)

☐ C. STATE

☐ D. COUNTY

☐ E. MUNICIPAL

☐ F. OTHER:

(Specify)

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: MONTH DAY YEAR

☐ B. UNCONTROLLED WASTE SITE (RCRA 103 ci) DATE RECEIVED: MONTH DAY YEAR

☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☐ YES

DATE

MONTH DAY YEAR

☒ NO

BY (Check all that apply)

☐ A. EPA

☐ B. EPA CONTRACTOR

☐ C. STATE

☐ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL

☐ F. OTHER:

(Specify)

CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☐ A. ACTIVE

☒ B. INACTIVE

☐ C. UNKNOWN

03 YEARS OF OPERATION

1942

APPROX 1950

☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

ORDNANCE: FUSES, BOOSTERS, ARTILLERY AMMO
RADIOACTIVE MATERIALS

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

EXPLOSIVE AND RADIATION

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one - If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☒ C. LOW

(Inspect on time available basis)

☐ D. NONE

(No further action needed, complete current assessment form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

FRANK R. ALBERT, JR

02 OF (Agency/Organization)

US Army Corps of ENGRS

03 TELEPHONE NUMBER

304-529-594

04 PERSON RESPONSIBLE FOR ASSESSMENT

SAME

05 AGENCY

USACE

06 ORGANIZATION

HUNTINGTON DISTRICT

07 TELEPHONE NUMBER

304-529-594

08 DATE

2/10/92

MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED 100+

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION _____

☒ POTENTIAL

☐ ALLEGED

01 ☒ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED 100+

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION _____

☒ POTENTIAL

☐ ALLEGED

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION _____

☐ POTENTIAL

☐ ALLEGED

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED 100+

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION _____

☒ POTENTIAL

☐ ALLEGED

01 ☒ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED 100+

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION _____

☒ POTENTIAL

☐ ALLEGED

01 ☒ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: 500
ACROSS

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION _____

☒ POTENTIAL

☐ ALLEGED

01 ☒ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED 100+

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION _____

☒ POTENTIAL

☐ ALLEGED

01 ☒ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: 50+

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION _____

☒ POTENTIAL

☐ ALLEGED

01 ☒ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED 100+

02 ☐ OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION _____

☒ POTENTIAL

☐ ALLEGED

1. COMPONENT ARMY		FY 19 92		MILITARY CONSTRUCTION PROJECT DATA		2. DATE May 1992	
3. INSTALLATION AND LOCATION Scioto Ordnance Plant, Marion, OH				4. PROJECT TITLE DERP-FUDS			
5. PROGRAM ELEMENT DERP-FUDS		6. CATEGORY CODE HTRW		7. PROJECT NUMBER G05OH098003		8. PROJECT COST (\$000) \$ 71.5	

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
1. Records Search				\$ 25.0
2. Site Inspection				20.0
3. Report Preparation				20.0
Sub-Total				\$ 65.0
Contingencies @ 10%				6.5
TOTAL				\$ 71.5

10. Description of Proposed Construction

Work consists of a records search and site inspection to evaluate potential radiological hazards and preparation of an inspection report.

PROJECT SUMMARY SHEET
FOR

DERP-FUDS OEW PROJECT NO. G05OH098006

SCIOTO ORDNANCE PLANT

MARION, OHIO

SITE NO. G05OH098000

11 May 1992

PROJECT DESCRIPTION: The site is a 12,000 acre ordnance works that was used by the Department of Defense for the production of fuzes, boosters, artillery ammunition, and M-76 and M-74 bombs.

PROJECT ELIGIBILITY: Records indicate that the former Scioto Ordnance Plant was built and utilized by the Department of Defense (DOD) for use as an ordnance plant. Any ordnance contamination that may exist would be the direct result of DOD activity. This project has been evaluated in accordance with the risk assessment procedures for explosive ordnance.

POLICY CONSIDERATIONS: There is no policy applicable to this project.

PROPOSED PROJECT: An OEW project is proposed that consists of a site inspection to evaluate potential hazards.

DD Form 1391: Attached.

RAC: A Risk Assessment Code (RAC) of 4 was derived for the site; categorized as "Critical" (Category II) for hazard severity and "Remote" (Level D) for hazard probability. A RAC of 4 indicates a site inspection is required to evaluate potential threats to personnel. The RAC evaluation is attached.

DIVISION POC: Robert Nore, CEHND-PM-OT, (205) 955-1512.

